

# Waste Treatment, Pilot Plant

Herrick Archives Number H 406

## A. IDENTIFICATION & LOCATION

### 1. Name

1.1 Never officially named by Board of Trustees.

1.2 Alternate names noted:

- Built as "Waste Treatment Laboratory and Pilot Plant," The "Laboratory" part was the original unit of Building 732. See report for Building 132.
- Sanitary Waste Treatment Pilot Plant
- Water Resources Pilot Plant
- Water Resources Pilot Sewage Treatment Plant
- Pilot Treatment Plant

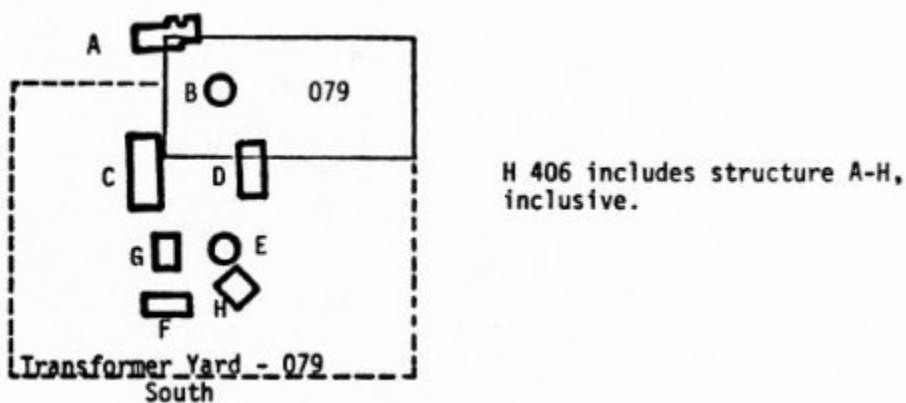
See Addendum No. 1

### 2. Location

2.1 Located at 1735 Cannon Drive (number arbitrarily assigned for indexing purposes).

Located on site of present Building 079 — Electric Substation and Metering Station. See sketch below, and see also report on Building 079.

2.2 For greater detail, see Sheet 107 (July 1965 revision) in the book of campus maps in the University Archives.



For Identification of other buildings shown, see Appendix A.

### 3. General Description

3.1 Type of construction:

All structures of reinforced concrete, except Unit D was of concrete block with precast concrete roof units.

3.2 No. of stories:

All one story

3.3 Increments of construction:

Units A through F in the diagram above were built at one time: Units G and H were added later.

3.4 Identification and size of units shown on diagram above:

A - Primary settling tank - 10' x 20'

B - Sludge digestion tank — 16'D x 13'H

C - Aeration tank — 30' x 17'

D - Pump house — 16" x 26'

E - Trickling filter tank — 12.5'D x 7.5'H

F - Final setting tank — 10' x 20'

G - Information Incomplete — see Part D.

H - Information Incomplete — see Part D.

## **B. PLANNING & CONSTRUCTION — ORIGINAL CONSTRUCTION**

1. This project was designed by the Engineering Experiment Station staff. It was built by the Ohio Department of Public Works for the Division of Water of the State Department of Natural Resources.
2. On September 6, 1950 the Board of Trustees approved the plans and related documents in order to clear the way for construction.
3. Records in the Office of the State Architect Indicate that this project included some remodeling of the original unit of Building 132 and that six contractors were involved in the total project.

The general contractor on Units A to F, inclusive was the Brooks-Sanders Co. Their bid was submitted on August 24, 1951 and their contract was executed on September 6, 1951. The final estimate was dated August 4, 1952.

An electrical contract, based on an August 24, 1951 bid, was executed with Electrical Contractors, Inc. on September 6, 1951. The final estimate on their contract was dated November 1, 1952.

Another contract with the Brooks-Sanders Co. was executed on November 19, 1951, based on a October 19, 1951 bid. This contract covered a force main, drains, and manholes. The final estimate was dated June 16, 1952.

The final estimates on the above contracts would suggest that Units A to F, inclusive, were completed

by early August 1952, and that they were operational by November upon completion of the electrical work.

The other three contracts were all based on bids in January and February 1951, before the construction of Units A to F. It is, therefore, assumed that they covered work in Building 132, but proof of this assumption has not been sought.

### **C. PLANNING & CONSTRUCTION - ADDITION**

1. Units G & H were added to the original construction, but dates of construction and identification of the units are in doubt.
2. Conversations with three former employees at this pilot plant reveal that possible identifications of Units G & H include: (1) a weir box, possibly Unit H, (2) a fish tank, possibly Unit 6; and (3) a chlorination tank, possibly unit H. One person contends that the only fish tank was at Building 132.
3. The identity of Units G & H must remain in doubt at this point.

### **D. DEMOLITION**

The Board of Trustees on September 8, 1966 voted to demolish these facilities and the assignment for demolition was issued by the Office of Campus Planning on September 19, 1966 (P).

### **E. PHOTOGRAPHS**

1. In Photoarchives:

Ground level photographs: X 7927 & X 7928

Aerial view: Air View 229

John H. Herrick  
April 13, 1977

### **ADDENDUM NO. 1**

Inspection of old campus maps reveals the following additional name for this building:

Experimental Sewerage Control Building

John H. Herrick  
November 13, 1979

### **ADDENDUM NO. 2**

Some old Campus Planning records and maps use No. 131 for these buildings.

John H. Herrick  
September 28, 1981